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Application No.

10/749,683

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DDAMULIRA ET AL.
Art Unit

Applicant(s)

Examiner

William K Cheung

1713

√ Rejected
= Allowed

\_ (Through numeral) Cancelled

Restricted

N Non-Elected

Interference

A Appeal

O Objected

|                   |          | <u></u>      | <u>L</u> .   |          |          |                |  |  | L               |          |
|-------------------|----------|--------------|--------------|----------|----------|----------------|--|--|-----------------|----------|
|                   |          | 1            |              |          |          | _              |  |  |                 |          |
|                   | aim      | -            | _            | _        | _        | <u>Da</u>      | te   | т  |                 | -        |
| Final             | Original | 11/7/04      |              |          |          |                |  |  |                 |          |
|                   |          | 11/          |              | L        |          |                |  |  |                 |          |
| 1                 | 2 3      | =            | <u> </u>     | 丄        | <u> </u> | L.             | ┸  | L  | $\perp$         |          |
| 2                 | 2        | =            | _            | L        | <u> </u> | <u>Ļ</u> .     | _  | ┸  | $\perp$         | <u> </u> |
| 3                 | 3        | ΙΞ.          | _            | <u> </u> | L        | $\perp$        | ┺  | $oldsymbol{\perp}$                               | <u>L</u> .      |          |
| 4                 | 4        | =            | ļ            | <u> </u> | <b> </b> | $\perp$        | ↓_   | _  | _               | Ш        |
| 5                 | 5        | =            | <u> </u>     | <u> </u> | ١        | $\perp$        | <u> </u>   | ┸  | <u> </u>        | Ш        |
| 6                 | 6        | =            | _            | ļ        | _        | <u> </u>       | ╄  | _  | <u> </u>        |          |
| 7                 | 7        | =            | ├-           | <b> </b> | ┞-       | <del> </del> _ | ╀  | ↓_   | ļ               | $\sqcup$ |
| 8                 | 8        | =            | ⊢            | <u> </u> | ┡        | ╄              | ┼  | ╀  | ▙               | Ш        |
| 9                 | 9        | 를            | <del> </del> | ┢        | -        | ┼              | +  | -  | ╀               | $\vdash$ |
| 11                | 11       | +            |              | ⊬        | ├        | ╀              | +-   | ₩  |                 | $\vdash$ |
| 12                | 12       | =            | <del> </del> | ┢╌       | $\vdash$ | ╁              | +  | +  | 1               | $\vdash$ |
| 13                | 13       | <del> </del> | -            | $\vdash$ |          | $\vdash$       | +-   | $\vdash$   | +-              | $\vdash$ |
| 14                | 14       | =            | -            | -        | $\vdash$ | H              | +  | $\vdash$   | +-              | Н        |
| 14<br>15          | 15       | =            | -            |          |          | $\vdash$       | +-   | $\vdash$   | <del> </del>    | $\vdash$ |
| 16                | 16       | =            | ┢            |          |          | ╁              | +  | ┝  | -               | H        |
| 17                | 17       | =            | ╌            | 一        | $\vdash$ | -              | ╁  | ┼~   | 1               | Н        |
| 18                | 18       | =            |              | -        |          | $\vdash$       | $\vdash$   |  | ┼               | H        |
| 19                | 19       | =            |              |          |          |                | T  | <u> </u>   |                 | H        |
| 20                | 20       | =            |              |          | Г        |                | Ι  | <u> </u>   | T               |          |
| 21                | 21       | =            |              |          |          |                |  |  |                 |          |
| 22                | 22       | =            |              |          |          | T              |  |  |                 | П        |
| 23                | 23       | =            |              |          |          |                |  |  |                 |          |
| 24                | 24       | =            |              |          |          | L              |  |  |                 |          |
| 25                | 25       | =            |              |          |          | _              | L  |  | L               |          |
| 26                | 26       | =            |              |          |          | L              | <u> </u>   |  |                 |          |
| 27                | 27       | =            |              |          |          | L              | L  |  |                 |          |
| 28                | 28       | =            |              |          |          |                | <u> </u>   | _  |                 | 4        |
| 29<br>30          | 29<br>30 | =            |              | _        | _        | -              | <b>!</b>   |  | -               | $\dashv$ |
| 31                | 31       | =            | =            |          |          | <u> </u>       |  |  | <u> </u>        | $\dashv$ |
| 32                | 32       | =            |              |          |          |                | ⊢  |  | H               | $\dashv$ |
| 33                | 33       | =            |              |          | -        |                | <del> </del> —                                   |  | Н               |          |
| 34                | 34       | =            |              | $\dashv$ |          | $\vdash$       | <del>                                     </del> | <del> -</del> -                                  | $\vdash$        | $\dashv$ |
|                   | 35       | $\vdash$     |              |          |          | -              | $\vdash$   | <del>                                     </del> | $\vdash \vdash$ | $\dashv$ |
|                   | 36       |              |              | $\neg$   |          |                | Ι-   |  | $\vdash$        | $\dashv$ |
|                   | 37       |              |              | 一        |          |                |  |  | $\vdash$        | $\neg$   |
|                   | 38       |              |              |          |          |                | П  |  |                 | $\neg$   |
|                   | 39       |              |              |          |          |                |  |  |                 |          |
|                   | 40       |              |              |          |          |                |  |  |                 |          |
|                   | 41       |              | [            | _[       |          |                |  |  |                 |          |
|                   | 42       |              | _            | _        |          |                | Ш  |  | $\Box$          | _]       |
|                   | 43       | _            | 4            | ļ        |          |                |  | _  |                 | _        |
|                   | 44       | $\dashv$     | _            | $\dashv$ | _        | _              |  | _  | _               |          |
| -                 | 45       |              |              | 4        |          |                |  | -  | _               | _        |
| $\longrightarrow$ | 46<br>47 | $\dashv$     | $\dashv$     | $\dashv$ | -        | _              | $\dashv$   |  | $\rightarrow$   | $\dashv$ |
|                   | 47       | $\dashv$     | $\dashv$     |          | $\dashv$ | $\dashv$       | -  |  | $\dashv$        | $\dashv$ |
|                   | 49       | $\dashv$     | $\dashv$     | $\dashv$ | -        | $\dashv$       |  | $\dashv$   |                 | $\dashv$ |
|                   | 50       | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$   | $\dashv$   | -+              | $\dashv$ |
| 1                 | 50       | f_           |              | 1        | 1        | I              | !  |  |                 |          |

|                        | laim     | 1  |                |  |  | Dr       | ıto.     |              |                |  |
|------------------------|----------|--|----------------|--|--|----------|----------|--------------|----------------|--|
| <u> </u>               |          |  | Т-             | -  |  | Da       | T        |              | Τ              | _  |
| =                      | Original |  | ı              | 1  |  |          |          | ł            |                |  |
| Final                  | <u>5</u> |  |                |  |  |          |          |              |                |  |
| "                      | 18       |  |                |  |  | ļ        |          |              |                | İ  |
|                        |          | 1  | 1              | 4  |  | 4        | _        | $\perp$      | $\perp$        | 4_   |
|                        | 51       | $\perp$  |                | 1.   |  | ┸        |          |              | $\perp$        | $\perp$  |
|                        | 52       |  |                | $\perp$  | $\perp$  |          |          | $\perp$      | ┸              |  |
|                        | 53       |  | 丄              | $\perp$  |  | L        |          |              |                |  |
|                        | 54       |  |                |  |  |          |          |              |                |  |
|                        | 55       |  |                |  |  | T        |          |              | Т              | Т  |
|                        | 56       |  |                | Т  |  | $\top$   | Т        | Т            |                | T  |
|                        | 57       |  |                | Γ  |  |          |          | Т            |                | Т  |
|                        | 58       | T  |                | Τ  |  |          | 1        | 7            | Т              | 1  |
|                        | 59       | Τ  | Т              |  | Τ  | 1        |          | $\top$       | 1              |  |
|                        | 60       | 1  |                | 1  | $\top$   | $\top$   | T        | 1            | T              |  |
|                        | 61       | T  | $\top$         | 1  |  | _        |          | +            | $\top$         | 1-   |
|                        | 62       | 1  | 1              | 1-   | T  | $\top$   | $\top$   | $\top$       | $\top$         | $\top$   |
|                        | 62<br>63 | $\top$   | 1              | $\top$   | +  | +-       | +        | +            | +              | +  |
|                        | 64       | +  | +              | +  | +  | +        | +        | +            | +              | +  |
|                        | 65       | +-   | +              | +  | +  | +-       | +        | +-           | +-             | ╁  |
| -                      | 66       | ╁  | +              | +  | +  | +        | +        | +-           | +              | +  |
| -                      | 67       | ╁╴   | ╁              | +-   | +  | +        | ┿        | ╁            | ╁              | ╫┈   |
| <b>—</b> —             | 68       | +  | +-             | +  | ╁  | ╁        | +        | ╁            | ╀              | +-   |
|                        | 69       | ╁  | ╁              | +  | +-   | ╁        | +-       | ┿.           | +              | ┼  |
|                        | 70       | ╁  | ╁              | ╀  | ╁  | +-       | +        | +            | -              | ╄-   |
| -                      | 70       | +-   | +              | ┿  | +-   | ╀        | +        | +            | -              | ₩  |
|                        | 71       | 4_   | ╀              | +  | +-   | ـ        | +        |              | ╄              | _  |
|                        | 72       | ╄  | ┿.             | ╄  | +-   | 4        | -        | ↓_           | <u> </u>       | ┺  |
| ·                      | 73       | 4_   | 1              | $\bot$   | ╄-   | $\perp$  | 4_       | $\perp$      | _              | _  |
|                        | 74       | ╄  | <del> </del> _ | ╄-   | ↓_   | ╄.       |          | ļ            | 1              | <u></u>  |
| <u> </u>               | 75       | igspace  | ↓              | ┺  | 4_   | ↓_       | 1        | _            | ┺              | L  |
| <u></u>                | 76<br>77 |  | <u> </u>       | $\perp$  |  | $\perp$  | 1_       | _            | Ь.             | ┖  |
|                        | 77       | ┺  | <u> </u>       | ┸  | $\perp$  |          | _        | _            | L              | L  |
| L                      | 78       | L  | _              |  | 1_   | ┸        |          | L            |                |  |
|                        | 79       | L  | _              | L  | _  |          |          |              |                |  |
|                        | 80       |  |                |  |  |          |          |              |                |  |
|                        | 81       |  |                |  | Ι  | Π        |          | Π            |                |  |
|                        | 82       |  |                |  |  |          |          |              |                |  |
|                        | 83       |  |                |  |  |          |          |              |                | Γ  |
|                        | 84       | $\prod_{i=1}^{n}$                                |                |  | Π  |          | Γ        | Γ            | Π              |  |
|                        | 85       |  |                |  |  |          | Τ        |              | Π              | Ι-   |
|                        | 86       |  | Г              |  | Γ  |          | Τ        | 1            | Γ.             |  |
|                        | 87       | Γ  | Г              |  |  |          |          | $I^-$        | Π              |  |
|                        | 88       |  |                |  | Γ  | Г        | Τ        | T            | T              |  |
|                        | 89       | Γ  |                |  | Π  | 1        |          |              | 1              |  |
|                        | 90       | T  |                | 1  | 1  | t-       | $\vdash$ | 1            | <u> </u>       | $\vdash$   |
|                        | 91       | T  |                | 1  | 1  | 1        | $\vdash$ | T            | t              |  |
|                        | 92       |  |                | 1  | $\vdash$   | t        | 1        | T            | Ι              | $\vdash$   |
|                        | 93       | $\vdash$   | <del> </del>   | t  | 1  |          | †        | 1            | <del>  -</del> |  |
| $\vdash$               | 94       | <b>†</b>   | Т              |  | <del>                                     </del> | t-       | 1-       | $\vdash$     | H              | $\vdash$   |
| $\vdash$               | 95       | -  | $\vdash$       | <del> </del>                                     | $\vdash$   | $\vdash$ | +        | -            | -              | <del>                                     </del> |
| $\vdash$               | 96       | $\vdash$   | $\vdash$       | <del>                                     </del> |  | $\vdash$ | $\vdash$ | <del> </del> |                | $\vdash$   |
| $\vdash \vdash \vdash$ | 97       | <del>                                     </del> | $\vdash$       | $\vdash$   | <del> </del>                                     | -        | +-       |              | <u> </u>       | Н  |
| <del>  </del>          | 98       |  | -              | $\vdash$   | $\vdash$   |          | ╁        | $\vdash$     | -              | Н  |
| $\vdash \vdash \vdash$ | 99       | $\vdash$   | <del> </del>   | -  | -  |          | -        | ⊢            | -              | $\dashv$   |
| <del>  -  </del>       |          | <del> </del>                                     | ļ              | -  | <u> </u>   | <u> </u> | <u> </u> | -            | Н              | Щ.   |
| لـــــا                | 100      |  |                |  | <u> </u>   | L        | 11       | L            |                | L  |

| С        | laim       |              | Date     |          |              |                |                   |   |           |  |
|----------|------------|--------------|----------|----------|--------------|----------------|-------------------|---|-----------|--|
|          |            | Ì            |          |          |              |                |                   |   |           |  |
| Final    | Original   |              |          |          |              |                |                   |   | 1         |  |
|          | 101        |              |          |          | T            | T              |                   |   | T         | 1                                      |
|          | 102<br>103 | <u> </u>     | L        |          |              |                | I                 |   | $\Box$    |  |
| <u> </u> | 103        | <u> </u>     | _        | 1        | $\perp$      | $\perp$        | $\perp$           | 1.  |           | <u> </u>                               |
|          | 104        | ╄            | ╀        |          | ↓_           | $\downarrow$   | 4                 | 4   |           | L                                      |
| <u> </u> | 105<br>106 | ╀            | ╄        | +        | ╀            | +              |                   | $\perp$   | ļ.,       | ــــــــــــــــــــــــــــــــــــــ |
|          | 106        | -            | +        | ╄        | ┼            | +              | +                 | ╄   | $\vdash$  | -                                      |
|          | 108        | ╁            | ┿        | ╁┈       | +            | ╁              | +                 | +   | +         | ╁                                      |
|          | 109        | ╁            | ╁        | ╀╌       | ╁            | ╁              | +                 | +   | +         | $\vdash$                               |
|          | 110        |              | ┢        | +        | ╁            | $^{+}$         | +                 | ╁   | +         | $\vdash$                               |
|          | 111        | T            | ✝        | +-       | ✝            | +              | ┰                 | †   | +         | $\vdash$                               |
|          | 112        |              | Τ        | T-       | $\top$       | T              | $\top$            | 1   |           |  |
|          | 113        |              |          |          |              |                |                   | 1   |           |  |
|          | 114        |              | <u> </u> |          |              | L              |                   |   |           |  |
|          | 115        | <u> </u>     | L        | _        | ļ.,          | $\perp$        | $\perp$           |   | <u> </u>  | Ш                                      |
|          | 116        | ļ            | <u> </u> | ╀-       | ╄            | $\perp$        | $\bot$            | <u> </u>  | _         | Ш                                      |
|          | 117<br>118 | Ͱ            | -        | -        | ┼-           | ╀              | - -               | ┼-  |           | $\vdash \dashv$                        |
|          | 119        | ├            | ┝        | +        | -            | ╁              | +-                | ╀   | ╁—        |  |
|          | 120        | ļ            | ┢        | ┼        | ╁            | ╀              | +                 | ╢   | -         | Н                                      |
|          | 121        |              | ╁╴       | +-       | $\vdash$     | +              | ╁                 | +   | ╁╌        | $\vdash$                               |
|          | 121<br>122 | H            | H        | ┼        | †            | 十              | +                 | ╁╌  | $\vdash$  |  |
|          | 123        |              |          |          | 1            | T              | $\top$            | 1   | 1         |  |
|          | 124<br>125 |              |          | Π        |              |                |                   | "   |           | П                                      |
|          | 125        |              | _        | <u> </u> | L            |                |                   |   |           |  |
|          | 126<br>127 |              | _        | _        | ļ            | <u> </u>       | ┸                 | <u> </u>  | L         |  |
|          | 127        |              | _        | ├-       | <u> </u>     | Ł              | -                 | ┼   |           |  |
|          | 120        |              | H        | ┢        | <u> </u>     | ┝              | ╁                 | $\vdash$  | ⊢         |  |
|          | 129<br>130 | <del> </del> | _        | $\vdash$ |              | <del> </del>   | +-                | +   | -         | Н                                      |
|          | 131        |              | -        | $\vdash$ | -            |                | +                 | ╁   |           | $\vdash$                               |
|          | 132        |              |          |          | Г            | <del>  -</del> | $\top$            | $\top$  |           | Ħ                                      |
|          | 133        |              |          |          |              | T              | $\top$            | 1   |           |  |
|          | 134        |              |          |          |              |                |                   |   |           |  |
|          | 135        |              | <u> </u> | _        | L.           |                | ļ                 | <u> </u>  |           |  |
|          | 136        |              | <u>_</u> |          | _            | _              | 1                 | Ļ   |           | Ш                                      |
|          | 137<br>138 | _            |          | <u> </u> | $\vdash$     | -              | 1                 | 1   | $\vdash$  | Ш                                      |
|          | 138        |              |          | $\vdash$ | <del> </del> | -              | $\vdash$          | <del>                                      </del> |           | $\dashv$                               |
| $\dashv$ | 140        | _            | -        |          | -            | $\vdash$       | +                 | -   | $\vdash$  | $\dashv$                               |
|          | 141        |              |          |          | _            |                | 1-                | H   |           | $\dashv$                               |
|          | 142        |              |          |          |              | $\vdash$       | T                 | $\vdash$  | $\exists$ |  |
|          | 143        |              |          |          |              |                |                   |   |           |  |
|          | 144        |              |          |          |              |                |                   |   |           |  |
|          | 145        |              |          |          |              | _              | $ldsymbol{f eta}$ |   | _ [       | _                                      |
|          | 146        | _            | _        | Щ        |              |                | -                 | Ш   | 4         | _                                      |
|          | 147<br>148 |              | $\dashv$ |          |              | _              | -                 | ⊢∤  |           |  |
|          | 149        | $\dashv$     | $\dashv$ | -        |              |                |                   | $\vdash$  | -         |  |
|          | 150        |              |          | $\dashv$ | -            |                | -                 | $\vdash$  | -         | $\dashv$                               |
|          | ,,,,       |              |          |          |              |                | Щ.                | ш   |           |  |